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PATENT

Atty. Docket No.: 25436/1652

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Davis, et al.
Serial No.: 10/021,818
Filed: December 13, 2001
Entitled: "Dimeric Fluorescent Polypeptides"

Examiner: Not yet assigned
Group Art Unit: 1651
Conf. No.: 5874

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

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AMENDMENT AND RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR
AMINO ACID SEQUENCE DISCLOSURES

Sir:

This is filed in response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed in the above-noted U.S. patent application on May 29, 2002. Kindly enter the following amendments and remarks.

In the Specification:

- On page 6, replace the paragraph at lines 8-15 with the following replacement paragraph:

B1
In one embodiment, the first polypeptide and the second polypeptide encoded by the polynucleotide are peptide bonded to each other via a linker sequence. In a preferred embodiment, the linker sequence encoded by the polynucleotide is from 5 to 50 amino acids long. In a further preferred embodiment, the linker sequence comprises one or more iterations of a peptide, for example the peptide RARDPRVPVAT (SEQ ID NO: 8; i.e., Arg-Ala-Arg-Asp-Pro-Arg-Val-Pro-Val-Ala-Thr). In a further preferred embodiment, the linker sequence is